

Dymax UVC-5 Light Curing Conveyor System, Benchtop UV Curing Lamp



Description

The **Dymax UVC-5 UV Light Curing Conveyor System** uses a high-intensity UV/visible light source for fast curing of adhesives, coatings and encapsulants. This cost-effective and versatile benchtop UV curing lamp is suitable for your lab or factory. It is a self-contained unit which fits on a bench and is powered from normal mains electricity.

The Dymax UVC-5 Conveyor System is equipped with a 120 mm wide Teflon[®] coated belt and one UV lamp. The lamp head is height adjustable on the belt, from 15mm to a maximum of 60mm (custom conveyors are available for larger objects). Curing time can be adjusted by changing the belt speed from 2 to 26 metres per minute. The intensity of up to 400 mW/cm² (UVA range) provides fast and complete cure for potting and conformal coating applications. The conveyor also features a counter to track hours of operation, an electric control unit located in the transportation device, and an air-cooled casing with an aluminium reflector for the bulb.

Features & Benefits

- Intensity up to 400 mW/cm²

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- Controlled and consistent cure times
- Adjustable lamp-to-belt distance (15 to 60mm)
- Dependable, heavy duty conveyor design
- Fully shielded lamp enclosure
- Compact bench-top unit

Specifications

Specifications	
Light source	920W or 800W bulb

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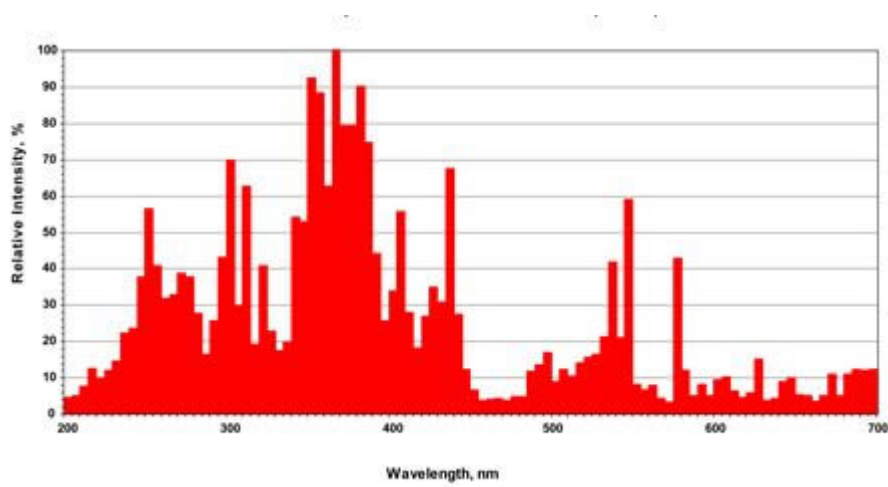


Specifications	
UV bulbs available	Metal halide (standard), Mercury
Power supply requirement	230V, 50 Hz, 5.9A (single phase)
Dimensions (approx)	Length: 700mm Height: 299mm Width: 369mm
Lamp height clearance (adjustable from bottom of the reflector housing to the top of the belt)	15mm to 60mm
Illuminated area	Length: 100mm Width: 120mm
Peak UVA intensity	400mW/cm ² at 60mm
Bulb life	Typical 1000 hours
Belt	Teflon® coated, fibreglass 5mm x 5mm mesh belt, 120mm wide
Belt speed	Adjustable 2 to 26 m/minute

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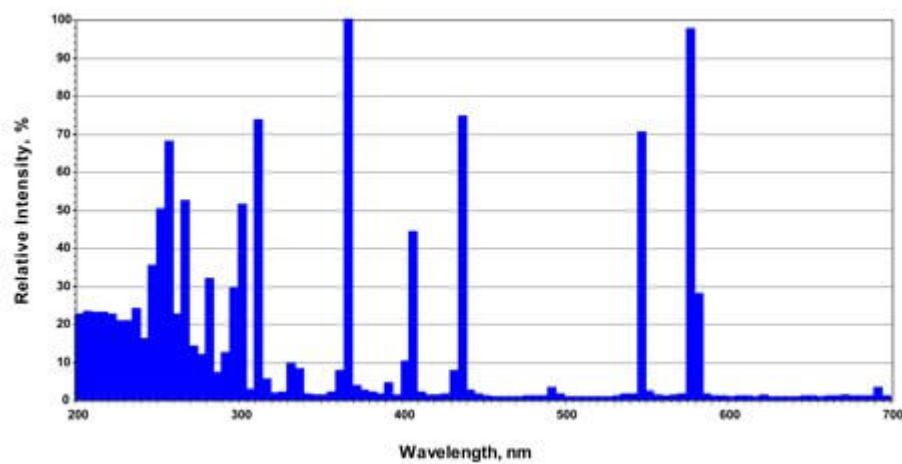


Specifications	
Net weight	20kg



UVC-5 FE bulb spectral distribution

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UVC-5 HG bulb spectral distribution

Other Information

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Top tips for getting the best from your
UV curing
process

[Top Tips for getting the best from your UV curing process](#)

Read through our easy-to-follow guide on UV curing to maximise your processes productivity.

Find out more about the technology behind the **MX-275** by reading our [technical bulletins and white papers](#):

- [UV Curing and Tack-Free Cures](#)
- [Achieving Better Process Controls with Light Cure Technology](#)
- [Advances in Light Curing Adhesives and Coatings Lead to Process and Quality Benefits in Electronics Manufacturing](#)

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Ordering Information

Part number	Description
DYMUVC-5	DYMAX UVC-5 UV Curing Conveyor System – metal halide bulb
DYMUVC-5/HG	DYMAX UVC-5 UV Curing Conveyor System – mercury bulb
DYMUVC-5BULB/FE	DYMAX UVC-5 replacement bulb – metal halide
DYMUVC-5BULB/HG	DYMAX UVC-5 replacement bulb – mercury

Let’s start by talking about your application

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If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

-
- Tell us about your application

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Supplied by:



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